

RECEIVED
CENTRAL FAX CENTER
;3
MAR 17 2005**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Jeffrey C. Hedrick, et al. **Examiner:** Andujar, Leonardo
Serial No: 10/648,884 **Art Unit:** 2826
Filed: August 27, 2003 **Docket:** YOR920030112US2 (16755)
Dated: March 17, 2005
For: MULTILAYERED CAP BARRIER IN MICROELECTRONIC
INTERCONNECT STRUCTURES

Confirmation No: 4881

Mail Stop Amendment
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE UNDER 37 C.F.R. §§1.111 AND 1.143

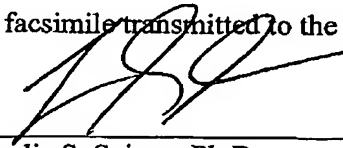
Sir:

In response to the Office Action dated February 25, 2005, applicants provisionally elect, without traverse, the subject matter of Group I, i.e., Claims 1-23 for continued prosecution in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: March 17, 2005



Leslie S. Szivos, Ph.D.**BEST AVAILABLE COPY**

MAR 17 2005

400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343 - Telephone
(516) 742-4366 - Facsimile
e-mail: intrprop@ssmp.com

**SCULLY, SCOTT, MURPHY
& PRESSER**

Fax

To:	Examiner: Leonardo Andujar	From:	Leslie S. Szivos, Ph.D.
Fax:	703 872-9306	Pages:	5 Including cover page
Phone:		Date:	3/17/2005
Re:	U.S. Appl. Serial No.: 10/648,884 Filed: August 27, 2003 Docket No.: YOR920030112US2 (16755)	CC:	

☐ Urgent ☐ For Review ☐ Please Comment ☐ Please Reply ☐ Please Recycle

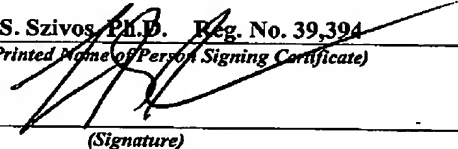
Transmitted herewith is:

1. Response Under 37 C.F.R. §1.111 & §1.143
2. General Transmittal (in duplicate)
3. Certificate of Facsimile

CONFIDENTIALITY: The documents accompanying this facsimile transmission may contain information which is either confidential or legally privileged and is intended only for the authorized use of the individual or entity named above without right or publication or republication, dissemination or disclosure except as expressly set forth or established by course of dealing. All rights are reserved. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution or use of the contents of this facsimile is prohibited. If you received this transmission in error, please notify us immediately by telephone to arrange for return of the documents.

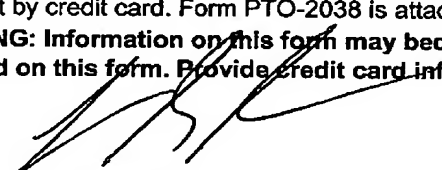
If you have any problems concerning this facsimile, please call (516) 742-4343 and ask for Janelle Ward.

BEST AVAILABLE COPY

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No.	
Applicant(s): Jeffrey C. Hedrick, et al			YOR920030112US2 (16755)	
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Andujar, Leonardo	Group Art Unit 2826	
Invention: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES				
<p>I hereby certify that this <u>Response Under 37 C.F.R. §1.111 & §1.143</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703 872-9306</u> on <u>March 17, 2005</u> (Date)</p> <p><u>Leslie S. Szivos, Ph.D. Reg. No. 39,394</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>				

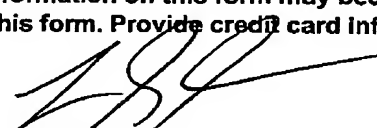
P18/REV02

BEST AVAILABLE COPY

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. YOR920030112US2 (16755)	
In Re Application Of: Jeffrey C. Hedrick, et al.					
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Andujar, Leonardo	Customer No. 703 872-9306	Group Art Unit 2826	Confirmation No. 4881
Title: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is: Response Under 37 C.F.R. §1.111 & §1.143					
in the above identified application.					
<input checked="" type="checkbox"/> No additional fee is required.					
<input type="checkbox"/> A check in the amount of _____ is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below.					
<input type="checkbox"/> Charge the amount of _____					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional fee required.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
 _____ Signature			Dated: March 17, 2005		
Leslie S. Szivos, Ph.D. Registration No. 39,394			<div style="text-align: center;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on _____ (Date) _____ Signature of Person Mailing Correspondence _____ Typed or Printed Name of Person Mailing Correspondence</div>		
CC:					

P16A/REV03

BEST AVAILABLE COPY

TRANSMITTAL LETTER (General - Patent Pending)				Docket No. YOR920030112US2 (16755)	
In Re Application Of: Jeffrey C. Hedrick, et al.					
Application No. 10/648,884	Filing Date August 27, 2003	Examiner Andujar, Leonardo	Customer No. 703 872-9306	Group Art Unit 2826	Confirmation No. 4881
Title: MULTILAYERED CAP BARRIER IN MICROELECTRONIC INTERCONNECT STRUCTURES					
<u>COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is: Response Under 37 C.F.R. §1.111 & §1.143					
in the above identified application.					
<input checked="" type="checkbox"/> No additional fee is required.					
<input type="checkbox"/> A check in the amount of _____ is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below.					
<input type="checkbox"/> Charge the amount of _____					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional fee required.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
 _____ Signature			Dated: March 17, 2005		
Leslie S. Szivos, Ph.D. Registration No. 39,394			<div style="border: 1px solid black; padding: 2px;">I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 C.F.R. 1.8(a)] on _____</div> <div style="border: 1px solid black; padding: 2px;">(Date)</div> <div style="border: 1px solid black; padding: 2px;">Signature of Person Mailing Correspondence</div> <div style="border: 1px solid black; padding: 2px;">Typed or Printed Name of Person Mailing Correspondence</div>		
cc:					

P16A/REV03

BEST AVAILABLE COPY